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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/701,990
		Filing Date	November 4, 2003
		First Named Inventor	Marc K. HELLERSTEIN
		Group Art Unit	1645
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	10 w/89 refs attached	Attorney Docket Number	416272005200

### ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
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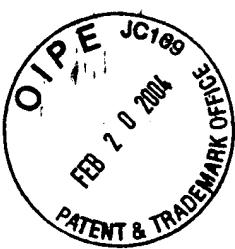
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LILIA OLSEN

SF-1646337



PATENT  
Docket No. 416272005200

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LHJ OLSEN

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Marc K. HELLERSTEIN

Serial No.: 10/701,990

Filing Date: November 4, 2003

For: DEUTERATED GLUCOSE OR FAT  
TOLERANCE TESTS FOR HIGH-THROUGHPUT  
MEASUREMENT OF THE METABOLISM OF  
SUGARS OR FATTY ACIDS IN THE BODY

Examiner: Not Yet Assigned

Group Art Unit: 1645

INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents are also submitted herewith. The Examiner is requested to make these documents of record.

This Information Disclosure Statement is submitted:

- With the application; accordingly, no fee or separate requirements are required.
- Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required.**
- After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
  - A fee is required. A check in the amount of \* is enclosed.
  - A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
  - A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly; no fee is believed to be due.
- After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
  - A Certification under 37 C.F.R. § 1.97(e) is provided below and a check in the amount of \* is enclosed.
  - A Certification under 37 C.F.R. § 1.97(e) is provided below and a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing **416272005200**. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: February 20, 2004

Respectfully submitted,

By:



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Form PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION  <i>(Use several sheets if necessary)</i>		Docket Number 416272005200	Application Number 10/701,990
		Applicant  Marc K. HELLERSTEIN	
		Filing Date 11/04/2003	Group Art Unit 1645
		Mailing Date February 20, 2004	



### U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	08/16/1994	5,338,686	Hellerstein			
	2.	06/08/1999	5,910,403	Hellerstein			
	3.	01/04/2000	6,010,846	Hellerstein			
	4.	10/08/2002	6,461,806	Hellerstein			
	5.	05/24/2002	20030068634 A1	Hellerstein			
	6.	10/23/2002	20030133871 A1	Hellerstein			
	7.	04/04/2003	20030224420 A1	Hellerstein			

### FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
	8	11/19/1998	WO 98/51820	WIPO			

### OTHER DOCUMENTS

*(including author, title, Date, Pertinent Pages, Etc.)*

Examiner Initials	Ref. No.	Title
	9.	Airhart, J., A. Vidrich, and E. A. Khairallah. Compartmentation of free amino acids for protein synthesis in rat liver. <i>Biochem J</i> 140: 539-45, 1974.
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EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

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	<i>Meeting Abstracts</i> 16: pp A256, 2002.
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51.	Deeks, Steven G. et al. "CD4+ T Cell Kinetics and Activation in Human Immunodeficiency Virus-Infected Patients Who Remain Viremic Despite Long-Term Treatment with Protease Inhibitor-Based Therapy." <i>The Journal of Infectious Diseases</i> 185:315-323, 2002.
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65.	Hoh, Rebecca et al. "De Novo Lipogenesis Predicts Short-Term Body-Composition Response by Bioelectrical Impedance Analysis to Oral Nutritional Supplements in HIV-Associated Wasting." <i>Am. J. Clin. Nutr.</i> 68:154-163, 1998.
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77.	Hellerstein, Marc K. et al. "Measurement of T-Cell Kinetics: Recent Methodologic Advances." <i>Trends Immunology Today.</i> 20, No. 10: 438-441, 1999.
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	82.	Scott M. Turner et al. "Measurement of Triglyceride (TG) Synthesis in vivo $^2\text{H}_2\text{O}$ Incorporation into TG-Glycerol and Application of Mass Isotopomer Distribution Analysis (MIDA)." <i>Experimental Biology</i> 2002, 16: <i>Meeting Abstract</i> 361.9: pp A400.
	83.	Fernando Antelo et al. "Adipose Triglyceride (TG) Turnover and de novo Lipogenesis (DNL) in Humans: Measurement by Long-Term $^2\text{H}_2\text{O}$ Labeling and Mass Isotopomer Distribution Analysis (MIDA)." <i>Experimental Biology</i> 2002, 16: <i>Meeting Abstract</i> 361.10: pp A400.
	84.	J.C. Waterlow "Protein Turnover in the Whole Animal." <i>Invest. Cell Pathol.</i> , 3: 107-119 (1980).
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